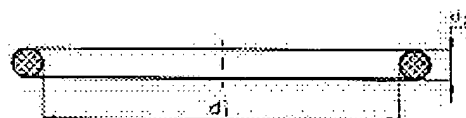




# Characteristics, Application and Materials

## Characteristics

O Rings are ring-shaped seals of circular cross-section.



## Application

O Rings are used with many moving and stationary machine parts as simple, economical sealing elements. Sealing is the result of axial or radial deformation of the cross-section of the mounted O Ring. The proper amount of deformation is controlled by appropriate dimensioning of the mounting space.

## Materials

**Basic Material:**

**Shore Hardness A:**

**Colour:**

**Usable:**

**Nitrile-Butadiene Rubber (NI)**

90  $\pm$  5

black

- 30 $\pm$  C to + 110 $\pm$  C

**Basic Material:**

**Shore Hardness A:**

**Colour:**

**Usable:**

**Nitrile-Butadiene Rubber (NI)**

80  $\pm$  5

black

- 30 $\pm$  C to + 110 $\pm$  C

**Basic Material:**

**Shore Hardness A:**

**Colour:**

**Usable:**

**Nitrile-Butadiene Rubber (NI)**

70  $\pm$  5

black

- 30 $\pm$  C to + 110 $\pm$  C

**Basic Material:**

**Shore Hardness A:**

**Colour:**

**Usable:**

**Nitrile-Butadiene Rubber (NI)**

60  $\pm$  5

black

- 30 $\pm$  C to + 110 $\pm$  C

**Basic Material:**

**Shore Hardness A:**

**Colour:**

**Usable:**

**Nitrile-Butadiene Rubber (NI)**

75  $\pm$  5

red

- 55 $\pm$  C to + 200 $\pm$  C

**Basic Material:**

**Shore Hardness A:**

**Colour:**

**Usable:**

**Nitrile-Butadiene Rubber (NI)**

75  $\pm$  5

black

- 20 $\pm$  C to + 200 $\pm$  C